



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
1190-0461PAPPLICATION NO.  
09/627,058APPLICANT  
SUGIURA, Hiroaki et alFILING DATE  
July 27, 2000GROUP  
2775 2622**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
B	US 4,740,833	B1	1988-04-26	Shiota et al.			
I	US 5,436,733	B1	1995-07-25	Terada et al.			
I	US 5,933,252	B1	1999-08-03	Emori et al.			
B	US 5,659,406	B1	1997-08-19	Imao et al.			
B	US 6,434,268	B1	2002-08-13	Asamura et al.			
	US						
	US						
	US						
	US						

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**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
B	JP	7-023245		1995-01-24	JP			Abs	
I	JP	11-17974		1999-01-22	JP			Abs	
I	JP	8-321964		1996-12-03	JP			Abs	
B	JP	5-183742		1993-07-23	JP			Abs	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

Madeleine Nguyen

DATE CONSIDERED

03/25/04

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1190-0461P

MKM/MEO/kmr

PTO-1449

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 ATTY DOCKET NO.  
1190-0461P

 APPLICATION NO.  
09/627,058

 APPLICANT  
SUGIURA, et al.

 FILING DATE  
July 27, 2000

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2626
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>R</i>	4,989,079	1991-01-29	Ito			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.


EXAMINER

*Madeline Nguyen*

DATE CONSIDERED

*3/25/04*

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~~APR 05 2001~~

APPLICATION NO.  
09/627,058

APPLICANT  
Hiroaki SUGIURA, et al.

FILING DATE  
July 27, 2000

GROUP	2775
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Madeline Nguyen

3/23/04

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